

AMENDMENTS TO THE CLAIMS

This listing will replace all prior versions, and listings, of claims, in the application:

Listing of claims:

1. (currently amended) An abrasive cleaning ~~plant apparatus~~ comprising:
a ~~single-block plastic~~ blasting booth ~~(C)~~ having a front wall, a rear wall, a top wall, a bottom wall, and side walls,
wherein the front wall, the rear wall, the top wall, the bottom wall, and the side walls are molded to form a single component in plastic material,
wherein at least a portion of one of the side-walls comprises an opening is openable by rotation closeable by a door rotatable on a hinge that connects the single-block blasting booth with the openable side wall portion door, thereby the opening providing access inside the single-block to the interior of the blasting booth, and
wherein one or more gaskets create a hermetic seal between the single-block blasting booth and the openable side wall portion door, the one or more gaskets being provided on one or more of the single-block blasting booth and of the openable side wall portion opening and the door.

2-3. (canceled)

4. (currently amended) The abrasive cleaning ~~plant apparatus~~ according to claim 1,
wherein at least a portion of the front wall ~~(Ca)~~ is sloped,
wherein an inspection window ~~(Cf)~~ comprising a transparent surface is provided in the front wall, and

wherein two holes (~~Cm~~) are provided in the front wall, the two holes being positioned side by side and being structured for having a work glove extending from each of the two holes.

5-6. (canceled)

7. (currently amended) The abrasive cleaning plant apparatus according to claim 1, wherein one or more of the walls (~~Cp~~) of the ~~single-block~~ blasting booth comprise two plastic sheets substantially parallel to each other and joined along the edges to form a closed hollow box-shaped structure.

8. (currently amended) The abrasive cleaning plant apparatus according to claim 7, wherein an insulating material is provided between the two plastic sheets.

9-13 (canceled)

14. (currently amended) The abrasive cleaning plant apparatus according to claim 1, wherein the bottom wall (~~Ct~~) is shaped like a hopper and is connected to an outlet pipe (~~Ce~~).

15. (currently amended) The abrasive plant apparatus according to claim 14, further comprising a support structure (~~S~~) for the ~~single-block~~ blasting booth (~~C~~), a feeding device (~~A~~) providing a granular blasting material to the ~~single-block~~ blasting booth, and a plastic filtering device (~~F~~) filtering the blasting material exiting the ~~single-block~~ blasting booth, the filtering device (~~F~~) being integrated within the single block in flow communication with the blasting booth (~~C~~).

16. (currently amended) The abrasive cleaning plant apparatus according to claim 15,

wherein the support structure (~~S~~) is box-shaped and open on one side (~~Ss~~) to accommodate the hopper-shaped bottom wall (~~Ct~~) of the ~~sandblasting~~ blasting booth, and

wherein a side wall of the support structure (~~S~~) is provided with an opening (~~Sf~~) facing the filtering device (~~F~~) and enabling a connection of the outlet pipe (~~Ce~~) with the filtering device (~~F~~).

17. (currently amended) The abrasive cleaning ~~plant~~apparatus according to claim 15, wherein the feeding device (~~A~~) ~~comprises~~ is housed in a shell structure (~~Ai~~) having a size and a profile adequate to provide a lateral coupling of the feeding device with the single block ~~be~~ coupled with one side wall of the blasting booth(~~C~~).

18. (currently amended) The abrasive cleaning ~~plant~~apparatus according to claim 15, wherein the shell structure (~~Ai~~) houses at least one tank (~~As~~) containing ~~the~~ a blasting material, and wherein the blasting material is delivered inside the single-block blasting booth through means for delivering the blasting material.

19. (currently amended) The abrasive cleaning ~~plant~~apparatus according to claim 18, wherein the means for delivering the blasting material are connected to the tank with a tubular structure having a nozzle at the end opposite to the tank.

20. (currently amended) The abrasive cleaning ~~plant~~apparatus according to claim 15, wherein the support structure (~~S~~), the feeding device (~~A~~), and the filtering device (~~F~~) are ~~contained within a single L-shaped element~~ coupled to form a L-shaped apparatus.

21. (currently amended) The abrasive cleaning ~~plant~~apparatus according to claim 15, wherein the filtering device (~~F~~) is housed within a filtering shell structure (~~Fi~~), and wherein the filtering device (~~F~~) comprises a suction device (~~Fa~~) providing an exit flow of gases from the filtering device (~~F~~), and a cartridge filter (~~Fe~~) connected to the suction device (~~Fa~~).

22. (new) The abrasive cleaning apparatus according to claim 18, wherein the blasting material comprises sodium bicarbonate or a mixture of granular elements comprising sodium bicarbonate.